



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: ROIG AMOROS et al.

Serial No.: 10/517,622

Art Unit: Not yet assigned

Filed: December 10, 2004

Examiner: Not yet assigned

Entitled: IDENTIFICATION OF INHIBITORS
OF MITOSIS

Attorney Docket No.: MGH-006.1P US

Mail Stop AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56, 1.97 AND 1.98**

Dear Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants submit this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

A modified Form PTO-1449 listing the cited documents is also enclosed, as well as, for the Examiner's convenience, copies of the documents. Pursuant to 37 C.F.R. § 1.97(b)(3), no fee is believed to be required with this submission.

Foreign Patent Documents:

WO 97/47750, published December 18, 1997 (Sims et al.);

WO 99/66051, published December 23, 1999 (Plowman et al.);

Publications:

Altschul et al., *J. Mol. Biol.*, 215:403-410 (1990);

Altschul et al., *Nucleic Acids Research*, 25(17):3389-3402 (1997);

Andersson et al., *The Journal of Biological Chemistry*, 264(14):8222-8229 (1989);

Belham et al., *Current Biology*, 11(15):1155-1167 (2001);

Belham et al., *The Journal of Biological Chemistry*, 278(37):34897-34909 (2003);

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Burge et al., *J. Mol. Biol.*, 268:78-94 (1997);

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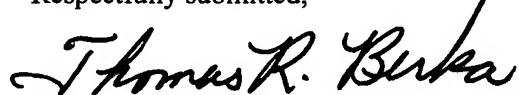
Fry et al., *Current Biology*, 5(10):1122-1125 (1995);

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Rieder et al., *The Journal of Cell Biology*, 127(5):1301-1310 (1994);
Roig et al., *Genes & Development*, 16:1640-1658 (2002) – with attached supplementary material;
Smith et al., *Advance in Applied Mathematics*, 2:482-489 (1981);
Thompson et al., *Nucleic Acids Research*, 22(22):4673-4680 (1994);
Wu et al., *The Journal of Cell Biology*, 141(7):1575-1587 (1998);
Ye et al., *The EMBO Journal*, 14(5):986-994 (1995).

Applicants do not intend to represent that any of the documents submitted herein is material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicants respectfully request that the documents submitted herein be considered and made of record in this application.

Respectfully submitted,



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CERTIFICATE OF MAILING

I hereby certify that this correspondence and accompany documents listed above is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to the **Mail Stop AMENDMENT**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

August 24, 2005

Date



Nasim G. Memon

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| Modified FORM PTO-1449 | AUG 26 2005 PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.: MGH-006.1P US | SERIAL NO. 10/517,622 |
| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT | | APPLICANT ROIG AMOROS et al | |
| (Use several sheets if necessary) | | FILING DATE December 10, 2004 | GROUP not yet assigned |

REFERENCE DESIGNATION
U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|------|------|-------|----------|-------------------------------|
| AA | | | | | | |
| AB | | | | | | |
| AC | | | | | | |

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| | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | TRANSLATION YES | NO |
|----|-----------------|----------|----------------|-------|----------|--------------------|----|
| BA | WO 97/47750 | 12/18/97 | Sims et al. | | | | |
| BB | WO 99/66051 | 12/23/99 | Plowman et al. | | | | |
| BC | | | | | | | |
| BD | | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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| CB | Altschul et al., <i>Nucleic Acids Research</i> , 25(17):3389-3402 (1997) |
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| CD | Belham et al., <i>Current Biology</i> , 11(15):1155-1167 (2001) |
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| CF | Borodovsky et al., <i>Computers Chem.</i> , 17(2):123-133 (1993) |
| CG | Boyle et al., <i>Methods in Enzymology</i> , 201:110-149 (1991) |
| CH | Burge et al., <i>J. Mol. Biol.</i> , 268:78-94 (1997) |
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| CJ | Fry et al., <i>Current Biology</i> , 5(10):1122-1125 (1995) |
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| | DE | Osmani et al., <i>The EMBO Journal</i> , 10(9):2669-2679 (1991) |
| | DF | Osmani et al., <i>Cell</i> , 67:283-291 (1991) |
| | DG | Osmani et al., <i>Biochem. J.</i> , 317:633-641 (1996) |
| | DH | Pearson et al., <i>Proc. Natl. Acad. Sci. USA</i> , 85:2444-2448 (1988) |
| | DI | Price et al., <i>Proc. Natl. Acad. Sci. USA</i> , 87:7944-7948 (1990) |
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| | DQ | Ye et al., <i>The EMBO Journal</i> , 14(5):986-994 (1995) |
| | DR | |
| | DS | |
| | DT | |
| EXAMINER | | DATE CONSIDERED |

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 Draw line through citation if not in conformance and not considered. Include copy of this form with
 next communication to Applicant.

sheet _1_ of _1_